

Educational Product

Students

Grades 3-5

NP-2003-02-29-LaRC

DESTUSION FINANCES

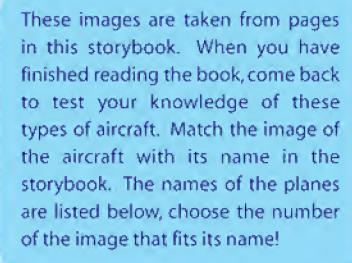




AERONAUTICS The science of flight that deals with all types of aircraft.

This storybook about NASA Aeronautics is dedicated to all the future aviation professionals—the youngsters that are in school today. We hope this story will inspire them to learn more about the many aspects of flight and the many types of careers associated with the U.S. aviation industry.







B Joint Strike Fighter

Hypersonic X-43 Plane

D Blended Wing Body

X-1 Supersonic Plane

Mars Plane

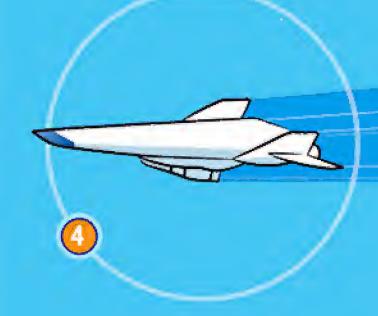


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Original Idea & text for a museum storybook exhibit

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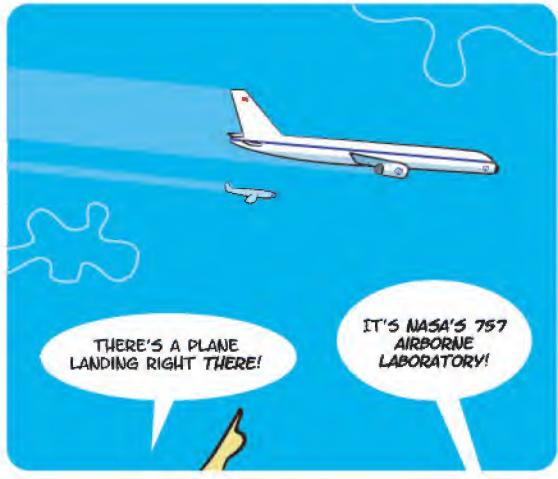


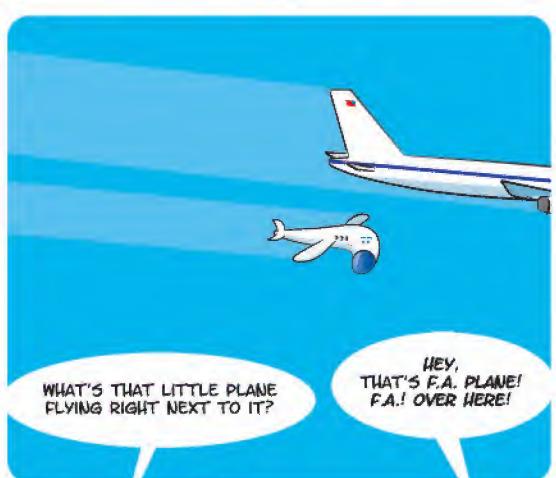


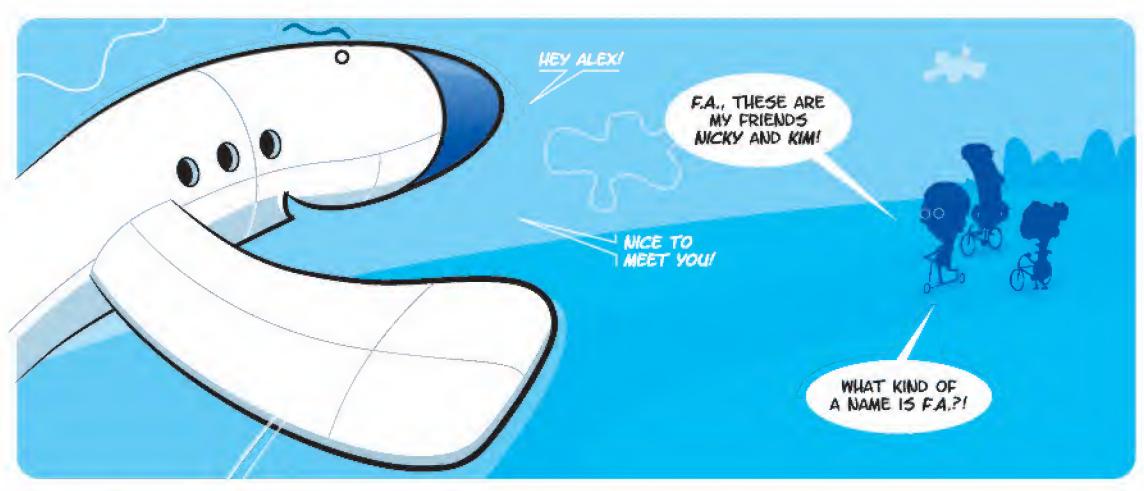


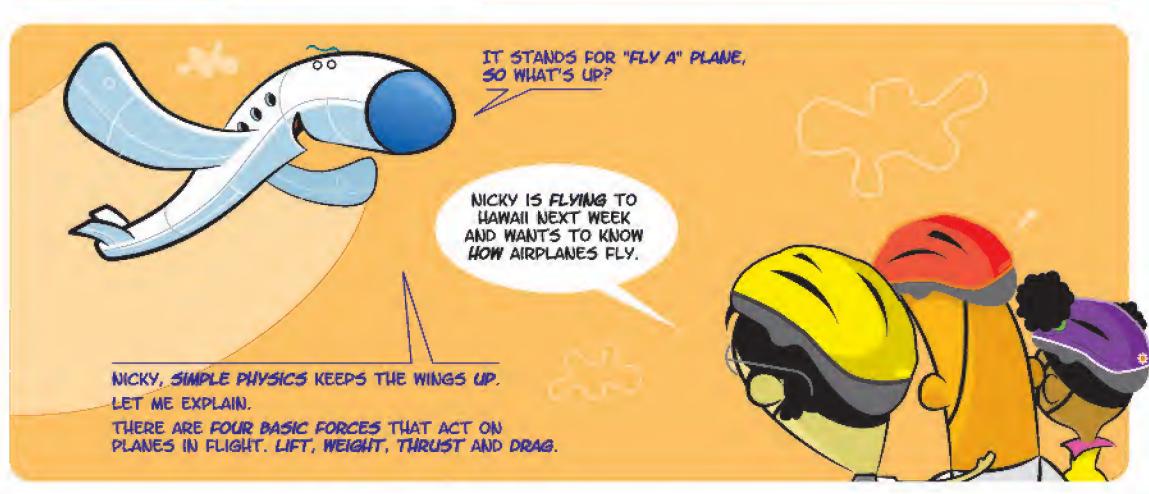


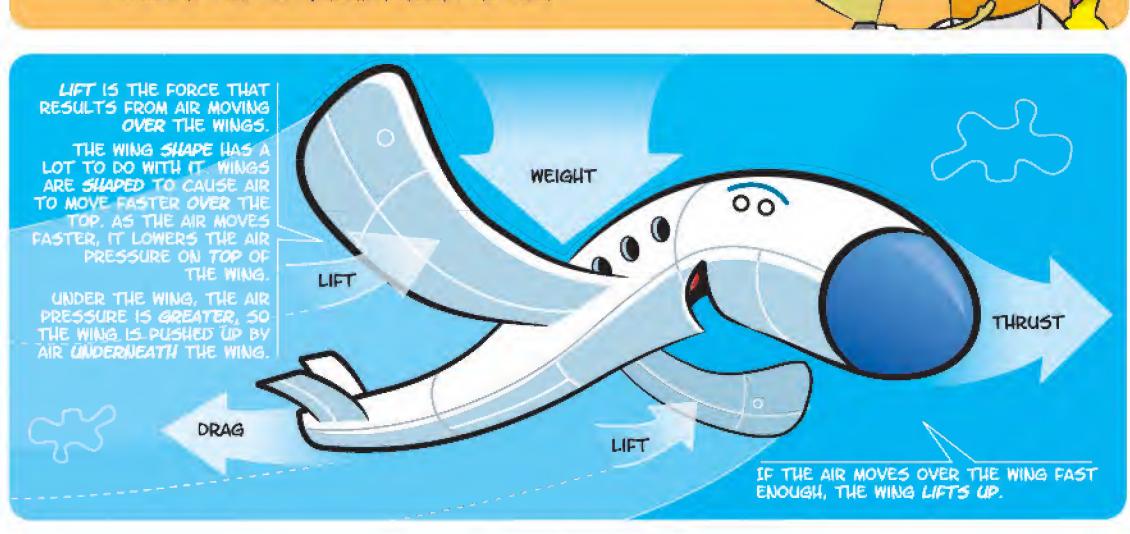






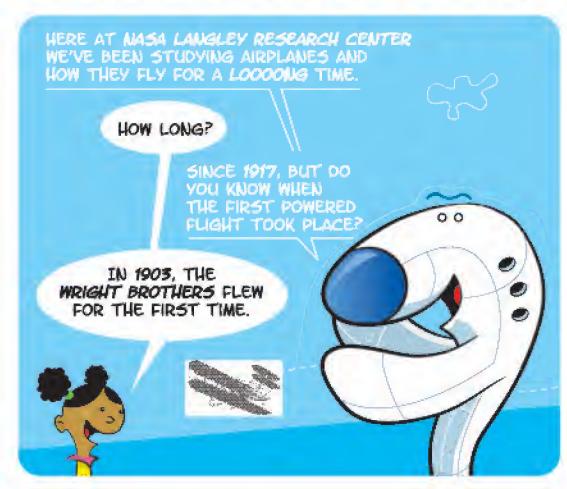


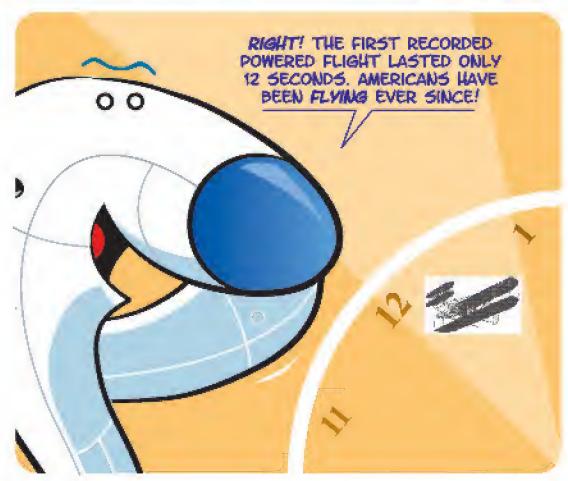




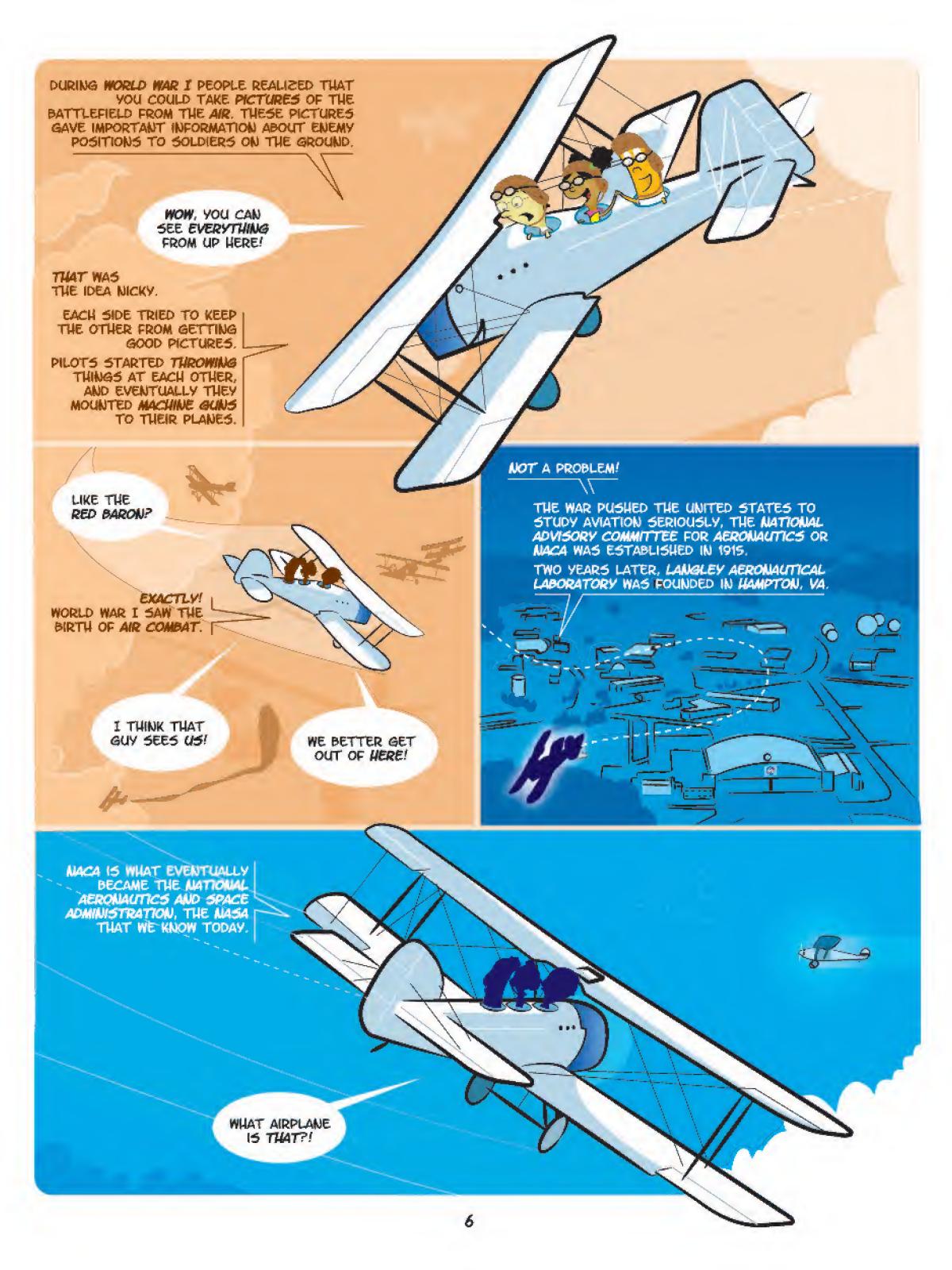


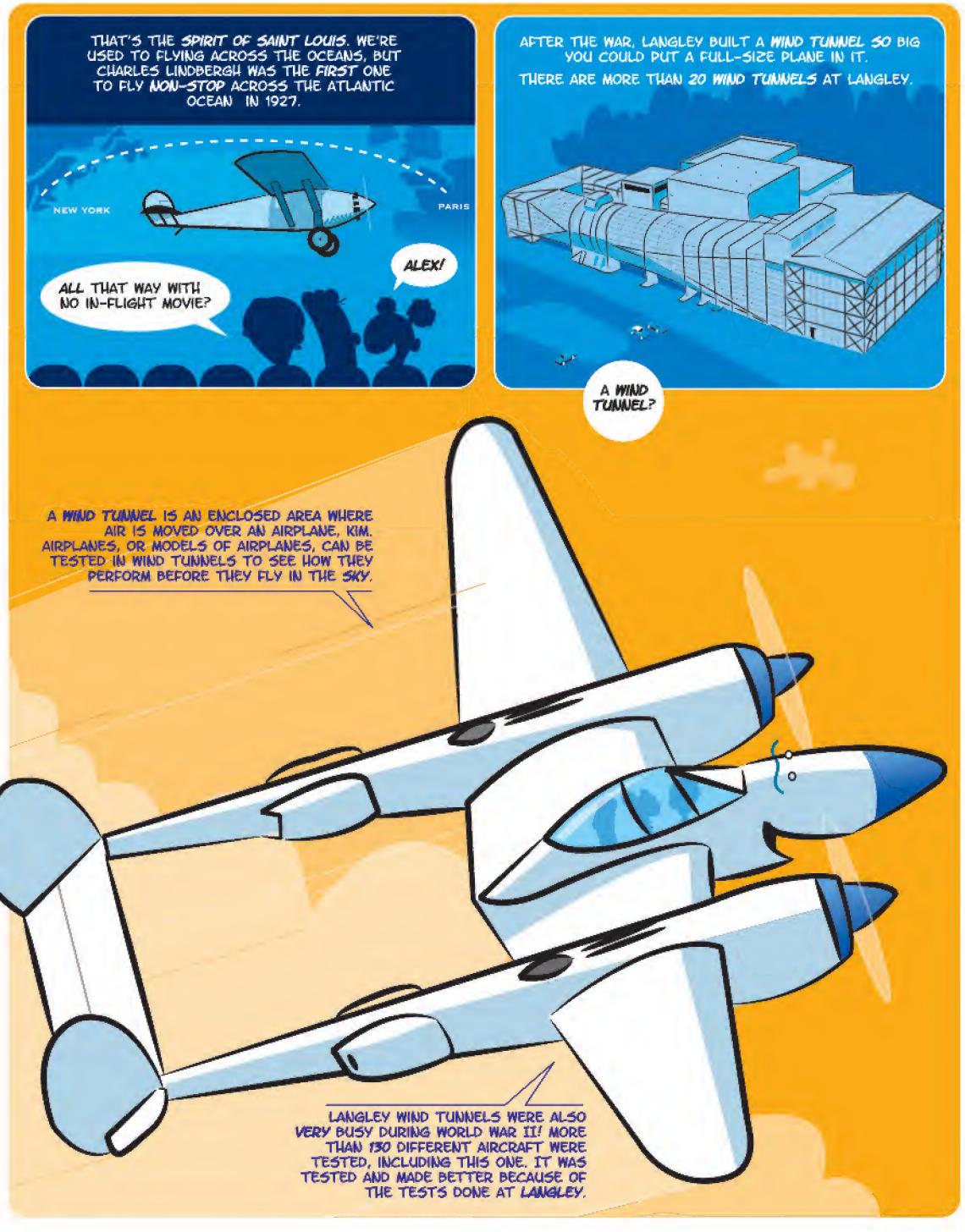












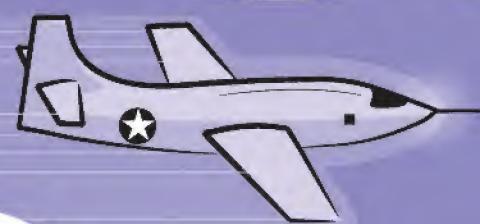


WHAT ABOUT AFTER THE WAR? PEOPLE WANTED TO GO FASTER, BUT THEY
THOUGHT PLANES COULD NEVER GO AS FAST AS
THE SPEED OF SOUND. IN 1947, A MILITARY TEST
PILOT NAMED CHUCK YEAGER FLEW THE ROCKETPOWERED X-1 PLANE FASTER THAN SOUND!

NACA ENGINEERS HELPED TO DESIGN THE X-1. FASTER THAN SOUND! THAT DOESN'T SOUND GOOD TO ME.



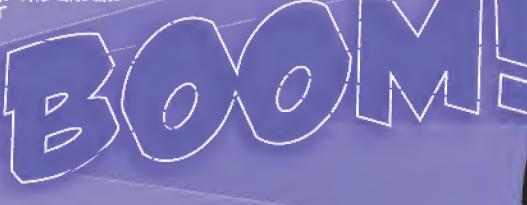




RELAX NICKY! THE PLANE
THAT YOU WILL FLY IN TO
HAWAII WON'T GO THAT FAST,
WILL IT F.A.?

RIGHT ALEX! BUT SOME MILITARY PLANES GO FASTER THAN SOUND.

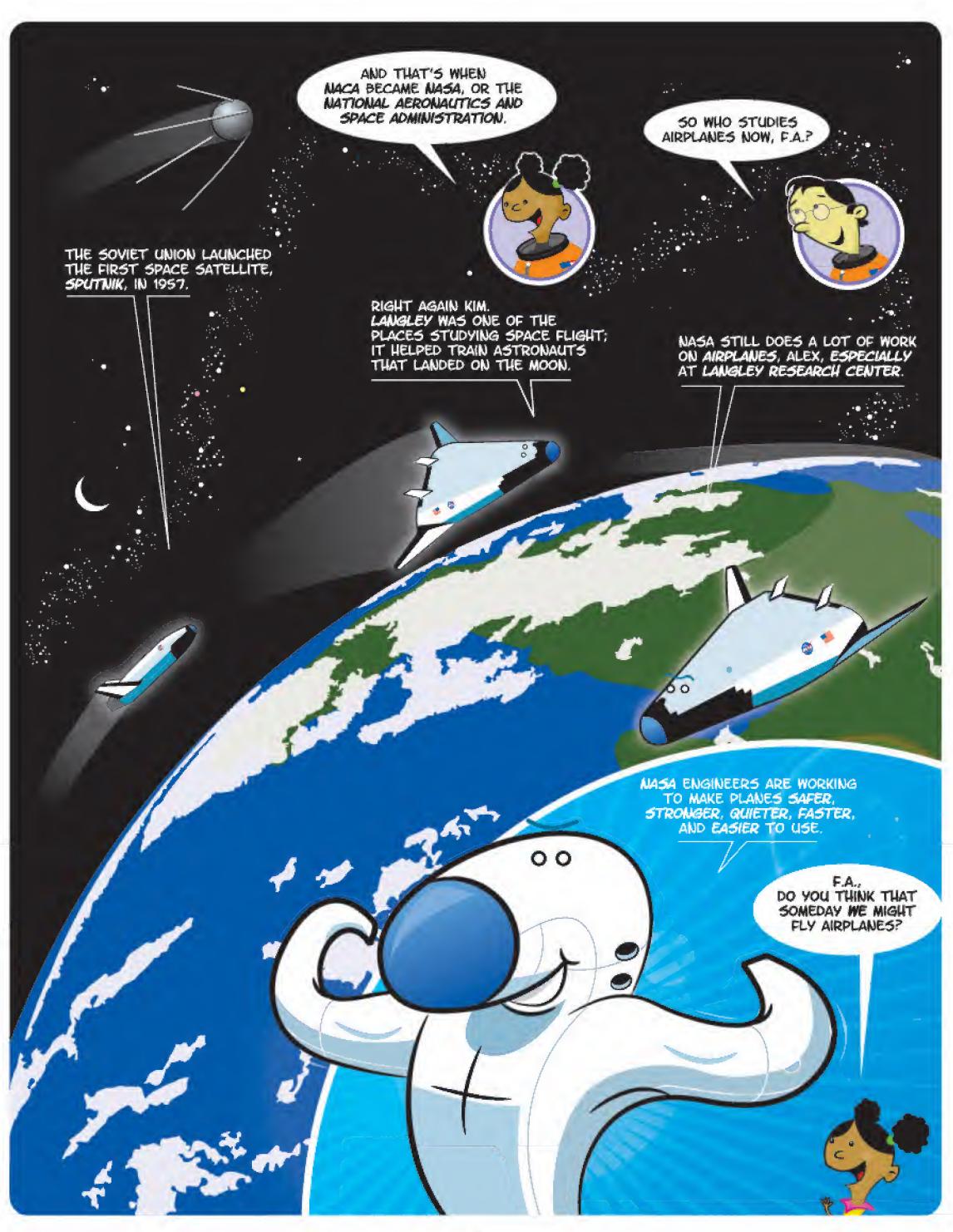
WHEN A PLANE GOES FASTER THAN SOUND, IT MAKES A LOUD NOISE CALLED A SONIC BOOM. PEOPLE ON THE GROUND DON'T LIKE TO HEAR THAT

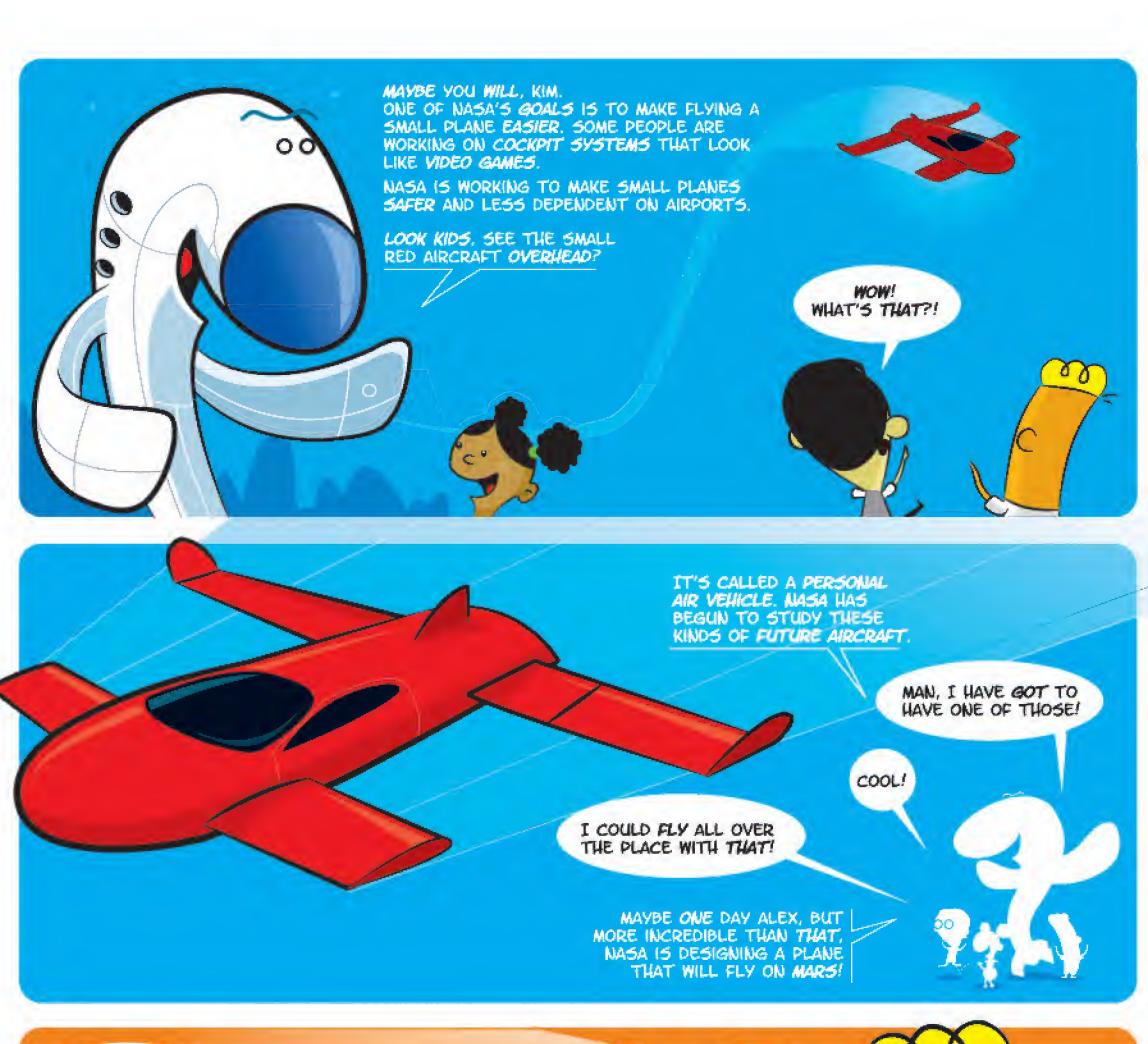


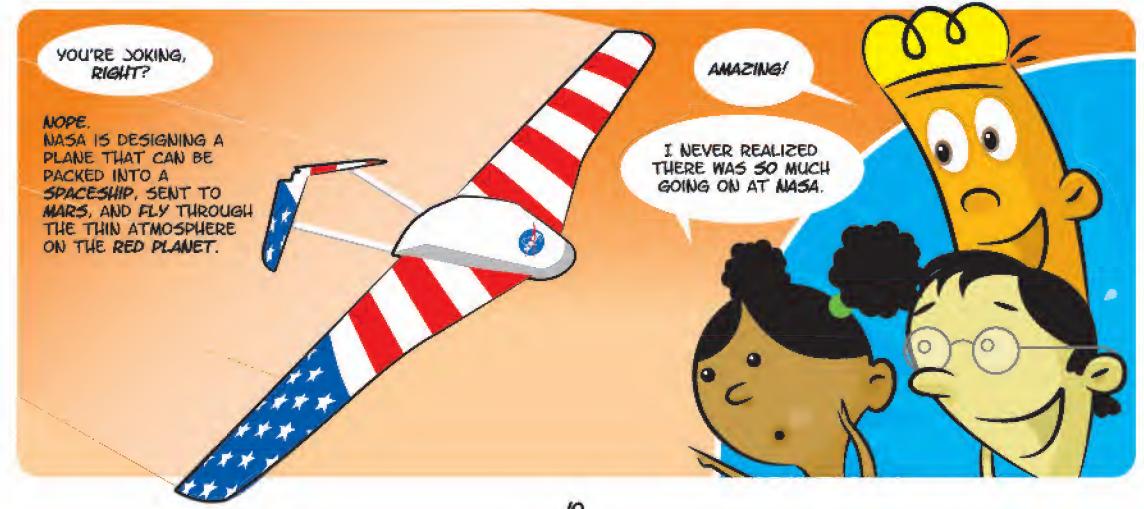
THE LOUD NOISE CAN BREAK WINDOWS AND HURT PEOPLE'S EARS, SO MOST AIRLINERS DON'T GO THAT FAST!

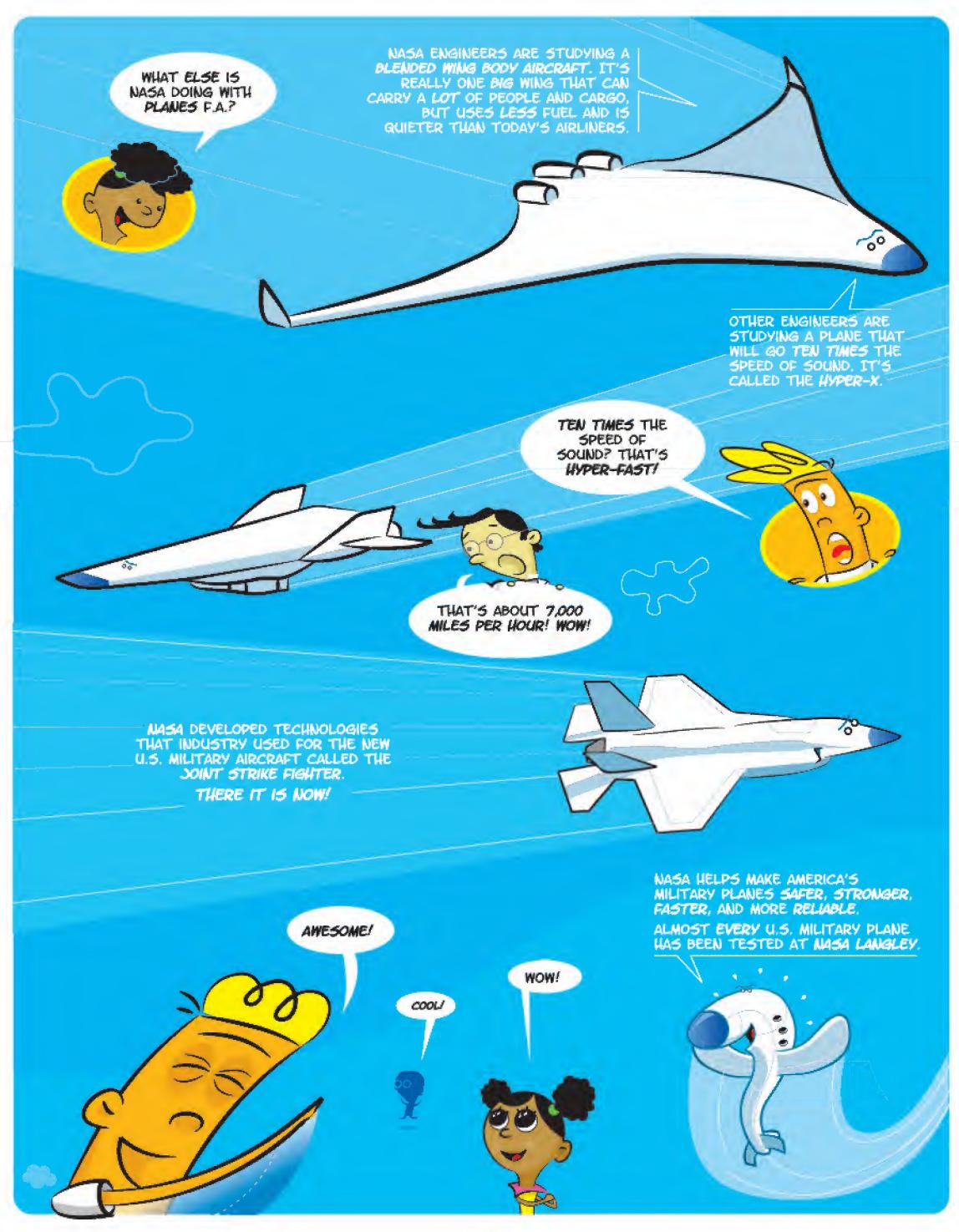




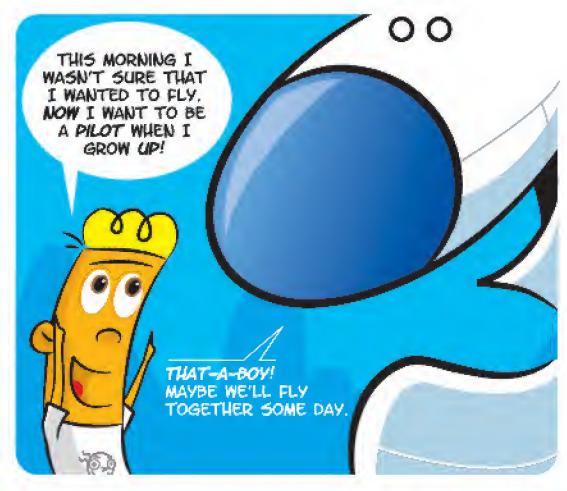


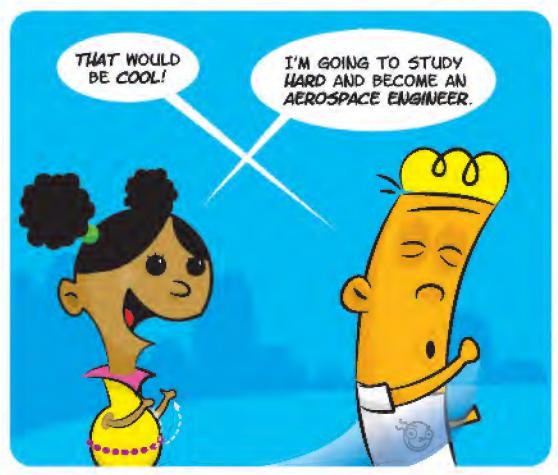


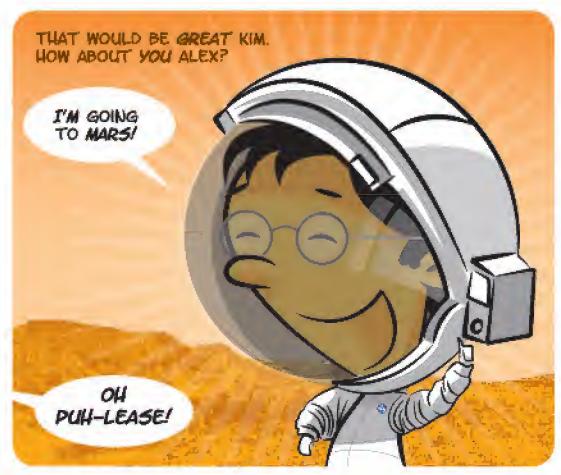


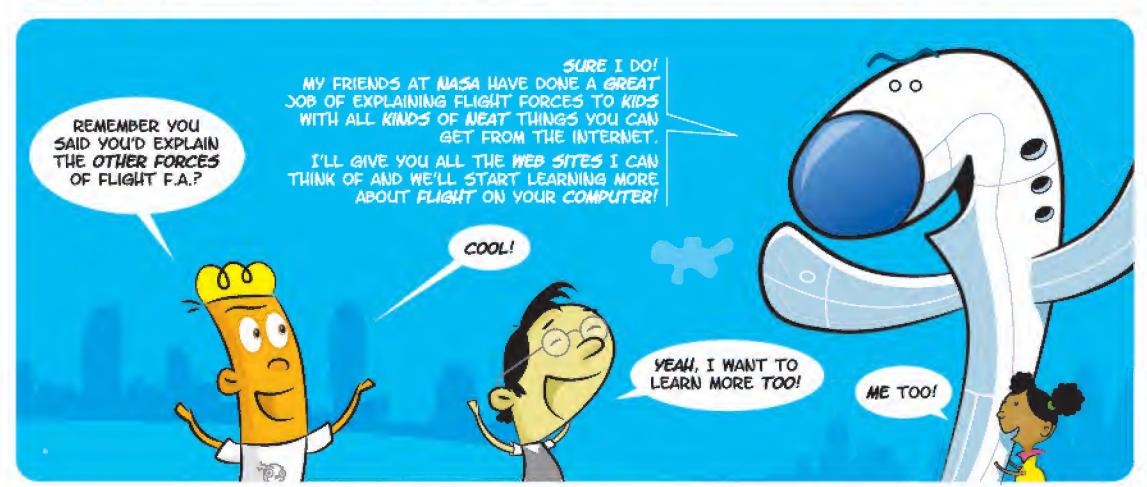












NASA has many web sites that can help you to learn more about flight. Some are listed below and others can be found by doing a search on the web for the topic that interests you most!

Resources for Students and Educators of Grades K -12

Aerospace Technology Education Programs http://www.aero-space.nasa.gov/edu/2aero.html

Aerospace Education Services Program (AESP)

http://www.okstate.edu/aesp/AESP.html

NASA Explorer Schools http://www.nsta.org/explorerschools

NASA Student Involvement Program (NSIP) http://www.nsip.net

> NASA Explores http://NASAexplores.com

NASA Educator Resource Network http://spacelink.nasa.gov/ercn/

NASA Revolutionary Vehicles
Student Competition
http://avst.larc.nasa.gov/competition.html

Other web sites that may interest all age groups

The NASA Home Page Address http://www.nasa.gov

NASA's Education Home Page http://education.nasa.gov

NASA Langley Research Center http://www.larc.nasa.gov

